

longus infra medium glandulosohirsutulus; stigma punctiforme.

Type, Allen 1788, from the vicinity of El Valle, Prov. de Coclé, Panama, alt. 600--1000 m., in the Britton Herbarium. In the foliaceous reflexed appendages of the sepals it is quite unlike any other known species of Blakea.

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ADDITIONAL NOTES ON THE ERIOCAULACEAE -- II

Harold N. Moldenke

The following notes constitute a continuation of the notes published by me in *Phytologia* 1: 309--336.

1. SYNGONANTHUS FLAVIDULUS (Michx.) Ruhl.

The species has been collected in anthesis from February to June and in September. Curiously, Ruhland placed the name Eriocaulon flavidulum Michx. in two places: (1) under Syngonanthus flavidulus, for which it is the name-bringing synonym, and also (2) as a valid species of Eriocaulon [Engl. Pflanzenreich 4³⁰: 33 & 256. 1903]. For the latter he gives as distribution "along banks of streams from Pennsylvania to the Carolinas". Just what he meant by this latter species is doubtful.

Illustrations: Britton & Br. Ill. Fl., ed. 1, 1: f. 902. 1896; ed. 2, 1: 455, f. 1144. 1913; Small, Man. SE. Fl. 257. 1933.

Citations: NORTH or SOUTH CAROLINA: County undetermined: Micheaux s.n. (N--photo of type, P--type). SOUTH CAROLINA: Florence Co.: Ravenel s.n. [Florence, 1879] (Mi, T); Beaufort Co.: J. H. Mellichamp s.n. [Bluffton] (Bc). GEORGIA: Charlton Co.: F. Harper s.n. [Floyd's Island] (N); J. S. Harper 161 (N); Emanuel Co.: R. M. Harper 803 (N). FLORIDA: Walton Co.: Mohr s.n. [De Funieac Springs, May 12, 1892] (C); Franklin Co.: Biltmore Herb. 3162a (N); Leon Co.: Berg s.n. [Near Tallahassee] (N); Jefferson Co.: Lighthipe s.n. [Monticello, March, 1891] (N); Alachua Co.: S. J. Knight 2 (C); O'Neill 611 (I), 652 (I); Duval Co.: Curtiss 4140 (C); T. Hogg 8 (C); Lighthipe 173 (N); Clay Co.: W. M. Canby s.n. [Hibernia, March, 1869] (N); C. Skottsberg s.n. [Below Jacksonville & Atlantic Beach] (Go); St. Johns Co.: M. C. Reynolds s.n. [Mar.--July, 1875] (C); Lake Co.: A. S. Hitchcock s.n. [Eustis, June--July, 1894] (I); Nash 143 (C, Mi), 1944 (C); Volusia Co.: Lugren s.n. [Volusia] (N); Orange Co.: F. S. Blanton 6491 (I); Huger s.n. [Winter Park, April, 1900]

(N); E. J. Palmer 38,324 (N); Pasco Co.: O'Neill 7788 (I), 7875 (I), s.n. [Fish Lake, Feb. 20, 1926] (I), s.n. [Big Cypress Swamp, April, 1927] (I); Hillsboro Co.: Leavenworth s.n. [Tampa Bay] (T); Pinellas Co.: Tracy 6642 (N--2), 7588 (N); Polk Co.: Topping 2609 (N); Brevard Co.: Edw. Palmer 580 (Bc); Manatee Co.: Garber s.n. [Manatee, Apr. 1876] (C); Tracy 6643 (N); Lee Co.: H. N. Moldenke 688 (N), 940 (N); Sheehan s.n. [Boakum Place, March 6, 1919] (N); J. P. Standley 10 (N); County undetermined: Chapman 182 (T), s.n. (C, T--2). ALABAMA: Mobile Co.: Pennell 4509 (N). LOCALITY OF COLLECTION UNDETERMINED: Gibbes s.n. [Sept. 1833] (N).

8. SYNGONANTHUS HONDURENSIS Moldenke, sp. nov.

Herba parva; foliis caespitosis patentibus 1--1.6 cm. longis linearibus; pedunculis 4 vel 5 adpresso-pubescentibus, viginis quam foliis brevioribus dense breviterque pubescentibus; bracteolis ad medium olivaceis, usque ad 2.5 mm. longis, glabris.

Small herb, 6--7 cm. tall; leaves caespitose, linear, olivaceous, patent, not noticeably recurved nor appressed, 1--1.6 cm. long, about 1 mm. wide, rather blunt at apex, glabrate on both surfaces; sheaths closely appressed, shorter than the leaves, densely short-pubescent, acuminate at apex; peduncles 4 or 5 per plant, very slender, obscurely sulcate, slightly twisted, conspicuously white-pilose throughout with usually closely appressed hairs or sometimes also a few spreading ones toward the apex; heads solitary, 2--6 mm. wide; involucral bractlets elliptic, membranous, olivaceous in a median band from apex to base, gray and scariosus at the margins, 1.6--2.5 mm. long, about 0.875 mm. wide, regularly narrowed from the middle to the sharply acute or acuminate apex, glabrous, not ciliate; staminate florets: pedicels about 1.25 mm. long, glabrous; sepals 3, free, membranous, with an olivaceous median band, elliptic, about 1.125 mm. long, sharply acute at apex, glabrous, not ciliate; petals united to form a tube about as long as the sepals, olivaceous throughout to about the middle, olivaceous only along the midrib above, glabrous; pistillate florets: pedicels about 1 mm. long, densely long-villous at base with white hairs longer than the pedicel; sepals 3, free, membranous, with an olivaceous median band, lanceolate, about 1.875 mm. long, sharply acute at apex, long-ciliate along the margins, glabrous; petals loosely connate along the margins, narrow-oblong, slightly shorter than the sepals, densely long-villous on the outer surface with white ascending hairs.

The type of this species was collected by Rev. Hugh O'Neill (No. 8543) in a tropical pineland, 3 miles west of Boomtown, British Honduras, on August 23, 1936, and is deposited in the herbarium of the University of Michigan. It

was mixed with No. 8543a, Syngonanthus Oneillii, in the original collection.

BRITISH HONDURAS: O'Neill 8543 (I--isotype, Mi--type, N--isotype).

4. SYNGONANTHUS INSULARIS Moldenke, N. Am. Fl. 19: 45. 1937.
The species inhabits white sand and has been collected in anthesis in February.

Citations: CUBA: Isla de Pinos: Britton, Britton, & Wilson 14,162 (N--type); Ekman 12,095 (Mi).

5. SYNGONANTHUS LAGOPODIOIDES (Griseb.) Ruhl. in Urb. Symb. Ant. 1: 489. 1900.

Paepalanthus lagopodioides Griseb. Cat. Pl. Cub. 225. 1866; Paepalanthus lagospodioides Griseb. ex Sauv. Fl. Cub. 165, spahm. 1871.

The species inhabits sandy and moist pinelands, plains, moist savannas, streambeds, moist or wet sand along railroad tracks, white sand, or wet black soil, and has been collected in anthesis from December to March, May, August, and September.

Citations: CUBA: Pinar del Río: Britton, Britton, Earle, & Gager 6488 (N); Britton, Britton, & Gager 7058 (N), 7254 (N); Ekman 10,823 (Mi, N), 11,061 (Mi, N), 11,145 (Mi); León & Roca 6930 (N); Shafer 10,866 (N--2), 10,995 (N--2), 11,782 (N); C. Wright 3237 (N--isotype, T--isotype), 3238 (N); Isla de Pinos: Britton, Britton, & Wilson 14,217 (N), 14,223 (N), 15,787 (N), 15,789 (N); Ekman 11,973 (N), 12,071 (N).

9. SYNGONANTHUS LUNDELLIANUS Moldenke, sp. nov.

Herba parva; foliis caespitosis 1--1.5 cm. longis patentibus linearibus; pedunculis pluribus pubescentibus, pilis hirsuto-patentibus, vaginis quam foliis longioribus, laxe longeque pilosis; bracteolis pluaminis olivaceis, usque ad 8 mm. longis, villosis.

Small herb, 6.5--8.5 cm. tall; leaves caespitose, linear, olivaceous, 1--1.5 cm. long, patent, not noticeably recurved nor appressed, rather blunt at apex, appressed-puberulent on both surfaces; sheaths closely appressed, conspicuously surpassing the leaves, loosely long-pilose, acute or subacuminate at apex; peduncles numerous, very slender, few-sulcate, straight (not twisted), conspicuously pilose throughout with loosely spreading (hirsute) elongated hairs; heads solitary, 2--15 mm. wide; involucral bractlets linear-oblong, often elongate to 8 mm. long (!), the outer ones much shorter or all much shorter, the short ones olivaceous in a median band from base to apex, the elongated ones olivaceous in several parallel bands from base to apex, acute at apex, conspicuously villous on the outer surface with long loose hirsute

capitate hairs, glabrous within; staminate florets: pedicels about 0.75 mm. long, densely long-villous-tomentose at base with white hairs longer than the pedicel; sepals 3, free, hyaline, elliptic, about 1 mm. long, acuminate at both ends, glabrous, not ciliate; petals united into a narrow hyaline glabrous tube almost as long as the sepals; pistillate florets: pedicels about 0.5 mm. long, densely long-villous with white hairs longer than the pedicel; sepals 3, free, hyaline, elliptic, about 1.625 mm. long, regularly narrowed to the acute or acuminate apex, glabrous, not ciliate; petals narrow-oblong and strap-shaped, shorter than the sepals, hyaline, appressed-villous on the back, loosely connate by their margins.

The type of this species was collected by Rev. Hugh O'Neill (No. 8546) under Quercus oleoides var. australis Trelease, Broken Ridge, 8 miles northeast of Boomtown, British Honduras, on September 17, 1936, and is deposited in the herbarium of the University of Michigan. Vivipary is so pronounced on the Catholic University isotype that young plants are actually in flower in the inflorescence-heads of the old plants! The species is named in honor of my good friend and esteemed colleague, Dr. Cyrus Longworth Lundell, who is doing such noteworthy and important work on the natural history of the Yucatán Peninsula.

BRITISH HONDURAS: O'Neill 8546 (I--isotype, Mi--type, N--isotype).

6. SYNGONANTHUS ONEILLII Moldenke, sp. nov.

Herba parva; foliis caespitosis 1--2.5 cm. longis plus-minus recurvatis; pedunculis pluribus glabris vel subglabris; bracteolis olivaceis.

Small herb, 6--10 cm. tall; leaves caespitose, linear, olivaceous, spreading and more or less recurved, 1--2.5 cm. long, 0.5--1 mm. wide, abruptly acute at apex, glabrate on both surfaces or somewhat loosely pilose; sheaths closely appressed, equaling or shorter than the leaves, very sparsely and loosely pilose or glabrate, sharply acute or acuminate at apex; peduncles numerous, very slender, culcate, twisted, glabrous or subglabrous throughout; heads solitary, 3--5 mm. wide; involucral bractlets oblanceolate-elliptic, rather light-olivaceous or brownish throughout, lighter along the margins, very abruptly acute or obtuse at apex, glabrous; staminate florets: pedicels about 0.875 mm. long, glabrous except for a few long hirsute white hairs at the base surpassing the pedicel; sepals 3, 1--1.125 mm. long, oblanceolate, about 0.375 mm. wide at the widest part, glabrous, plainly cellular, hyaline, short-acuminate or sinuate-tridentate at apex, cuneate-narrowed to the base, free; petals united at the middle, free at apex and base, slightly

shorter than the sepals, olivaceous in a median band from apex to base, incurved and pilose at the very apex on the outer surface with a few black hairs; pistillate florets: pedicels about 0.75 mm. long, long-hirsute at base; sepals about 1.25 mm. long, lanceolate-ovate, acute at apex, long-ciliate on the margins toward the apex; petals narrow-oblong, connate by their margins.

The type of this species was collected by my good friend, Rev. Hugh O'Neill (No. 8548) -- in whose honor it is named -- in a tropical pineland, Boomtown, British Honduras, on September 14, 1936, and is deposited in the herbarium of the University of Michigan.

BRITISH HONDURAS: O'Neill 8543a (I, Mi), 8548 (I--iso-type, Mi--type).

The new species from British Honduras, described above, may be distinguished by means of the following artificial key:

1. Peduncles glabrous or practically so.....S. Oneillii.
1a. Peduncles conspicuously pubescent.

2. Involucral bractlets hyaline, completely colorless....
S. Bartlettii.

2a. Involucral bractlets more or less olivaceous.

3. Sheaths shorter than the leaves, densely short-pubescent; pubescence on peduncles mostly appressed; bractlets to 2.5 mm. long, glabrous...S. hondurensis.

3a. Sheaths longer than the leaves, loosely long-pilose; pubescence on peduncles spreading; bractlets to 8 mm. long, villous.....S. Lundellianus.

5. SYNGONANTHUS WILSONII Moldenke, N. Am. Fl. 19: 45. 1937.

The species inhabits white sand and has been collected in anthesis in March.

Citations: CUBA: Isla de Pinos: Britton, Britton, & Wilson 15,789a (N--type).

TONINA Aubl. Hist. Pl. Guian. Fr. 2: 856. 1775.

Hyphydra Schreb. Gen. 666. 1791.

A monotypic genus of tropical portions of the New World.

1. TONINA FLUVIATILIS Aubl. Hist. Pl. Guian. Fr. 2: 857, pl. 330. 1775.

Hyphydra amplexicaulis Vahl, Symb. Bot. 3: 99. 1794 [accrued to Schreber by Ruhland!]; Eriocaulon amplexicaule (Vahl) Rottb. Descr. Pl. Surinam. 7, pl. 1, f. 1. 1798.

The species inhabits quiet water of marshes, swamps, ponds, and streams, and has been collected in anthesis in every month of the year.

Illustrations: Aubl. Hist. Pl. Guian. Fr. 4: pl. 330.

1775; Acta Lit. Univ. Hafn. 1: pl. 1, f. 1; Lam. Encycl. Méth. Ill. pl. 772, f. 1. 1798; Rottb. Descr. Pl. Surinam. pl. 1, f. 1. 1798; Ann. Sci. Nat. Paris, sér. 1, 13: pl. 5, f. 4. 1828; Nov. Act. Physico-med. Acad. Caes. Leopold.-Carol. Nat. Cur. 17¹: pl. 4, f. 2. 1835; Schnitzlein, Iconogr. 1: pl. 46, f. 13--19. 1845; Lindl. Veg. Kingd. 122, f. 82. 1846; Mart. Fl. Bras. 3¹: pl. 38, f. 1. 1863; Engl. & Prantl, Nat. Pflanzenfam. 2⁴: 24, f. 13. 1888; Bot. Tidskr. 18: pl. 20, f. A. 1893; Baill. Hist. Pl. 12: 399, f. 372--374. 1894; Engl. Pflanzenreich 4³⁰: 239, f. 35. 1903.

Citations: MEXICO: Veracruz: Orcutt 3285 (F). BRITISH HONDURAS: Schipp 693 (Mi, N). COSTA RICA: San José: Skutch 2465 (Mi, N). CUBA: Pinar del Río: Acuña 10,753 (Es); Ekman 11,120 (N); Province undetermined: C. Wright 3242 (N, T).

Geographic distribution of the species and varieties of Eriocaulaceae thus far cited in these notes:

ISLE OF SKYE, IRELAND, & SCOTLAND: Eriocaulon septangulare. SAINT PIERRE, SABLE ISLAND, & NEWFOUNDLAND: Eriocaulon septangulare.

NOVA SCOTIA: Eriocaulon septangulare [Cape Breton, Richmond, Guysborough, Halifax, Digby, & Yarmouth].

NEW BRUNSWICK: Eriocaulon septangulare [St. John].

QUEBEC: Eriocaulon septangulare [Rimouski, Temiscouata, Fortneuf, Montcalm, & Ottawa].

ONTARIO: Eriocaulon septangulare [Simcoe & St. Joseph Island].

MAINE: Eriocaulon Parkeri [Penobscot & Sagadahoc] -- E. septangulare [Penobacot, Waldo, & Mount Desert Island].

VERMONT: Eriocaulon septangulare [Addison & Orange].

NEW HAMPSHIRE: Eriocaulon septangulare [Coos, Grafton, Merrimack, Cheshire, & Hillsboro].

MASSACHUSETTS: Eriocaulon septangulare [Berkshire, Hampshire, Hampden, Essex, Middlesex, Norfolk, Plymouth, Barnstable, Dukes, & Nantucket].

CONNECTICUT: Eriocaulon Parkeri [Fairfield & New London] -- E. septangulare [Litchfield & Middlesex].

NEW YORK: Eriocaulon Parkeri [Greene, Columbia, & Rockland] -- E. septangulare [St. Lawrence, Oswego, Hamilton, Madison, Warren, Washington, Rensselaer, Steuben, Sullivan, Ulster, Dutchess, Orange, Putnam, Westchester, Queens, Nassau, & Suffolk].

PENNSYLVANIA: Eriocaulon Parkeri [Philadelphia] -- E. septangulare [Luzerne & Pike].

NEW JERSEY: Eriocaulon compressum [Burlington, Ocean, Camden, Atlantic, & Cape May] -- E. decangulare [Monmouth, Burlington, Ocean, Camden, Atlantic, Cumberland, & Cape May] -- E. Parkeri [Mercer, Monmouth, Burlington, Ocean,

Camden, Atlantic, & Cumberland] -- E. septangulare [Sussex, Morris, Ocean, Camden, & Atlantic].

DELAWARE: Eriocaulon decangulare [Sussex] -- E. Parkeri [Sussex].

MARYLAND: Eriocaulon compressum [Baltimore & Wicomico] -- E. decangulare [Prince Georges & Worcester] -- E. Parkeri [Wicomico] -- E. septangulare [Harford, Wicomico, & Worcester].

DISTRICT OF COLUMBIA: Eriocaulon decangulare.

VIRGINIA: Eriocaulon decangulare [Prince George] -- E. Parkeri [Alexandria & New Kent] -- Lachnocaulon anceps [Isle of Wight, James City, & Prince George].

NORTH CAROLINA: Eriocaulon compressum [Onslow] -- E. decangulare [Catawba, Rowan, Dare, Buncombe, Cumberland, Brunswick, & New Hanover] -- E. lineare [Henderson] -- Lachnocaulon anceps [Bladen & New Hanover] -- L. minus [Halifax & New Hanover].

SOUTH CAROLINA: Eriocaulon compressum [Lexington & Charleston] -- E. decangulare [Orangeburg] -- E. Ravenelii [Berkeley] -- Lachnocaulon anceps [Kershaw, Florence, Aiken, & Dorchester] -- Syngonanthus flavidulus [Florence & Beaufort].

GEORGIA: Eriocaulon compressum [Sumter, Bryan, & Charlton] -- E. compressum var. Harperi [Sumter & Charlton] -- E. decangulare [Columbia, Sumter, Lee, McIntosh, & Lowndes] -- E. lineare [Montgomery, Bulloch, & Lowndes] -- Lachnocaulon anceps [Richmond, Sumter, Emanuel, & Worth] -- L. Beyrichianum [Charlton] -- L. minus [Lowndes] -- Syngonanthus flavidulus [Emanuel & Charlton].

FLORIDA: Eriocaulon compressum [Duval, Clay, St. Johns, Levy, Lake, Orange, Pasco, Hillsboro, Polk, De Soto, Lee, Broward, Seminole, Dade, & Collier] -- E. compressum var. Harperi [Jackson, Washington, Franklin, Leon, Wakulla, De Soto, & Lee] -- E. decangulare [Holmes, Franklin, Leon, Duval, Marion, Highlands, Charlotte, Lake, Orange, Pasco, Hillsboro, Folk, Brevard, Manatee, Lee, Broward, & Dade] -- E. decangulare var. latifolium [Franklin] -- E. lineare [Santa Rosa, Walton, Gulf, Leon, & Pasco] -- E. Ravenelii [Broward & Dade] -- Lachnocaulon anceps [Alachua, Nassau, Duval, Clay, Lake, Okeechobee, Orange, Pasco, Hillsboro, Polk, Manatee, Seminole, & Monroe] -- L. Beyrichianum [St. Johns] -- L. eciliatum [Walton, Putnam, & Lake] -- L. Engleri [Washington, Putnam, Lake, Pasco, & Orange] -- L. floridanum [Lake] -- L. glabrum [Lee, Broward, & Dade] -- L. minus [Walton, Liberty, Leon, Clay, Lake, Volusia, Pasco, & Broward] -- Syngonanthus flavidulus [Walton, Franklin, Leon, Jefferson, Alachua, Duval, Clay, St. Johns, Lake, Volusia, Orange, Pasco, Hillsboro, Pinellas, Polk, Brevard, Manatee, & Lee].

ALABAMA: Eriocaulon compressum [Mobile & Escambia] -- E. compressum var. Harperi [Mobile] -- E. decangulare [Mobile & Baldwin] -- E. decangulare var. latifolium [Mobile] -- E. lineare [Baldwin] -- Lachnocaulon anceps [De Kalb & Mobile] -- L. digynum [Mobile] -- Syngonanthus flavidulus [Mobile].

MISSISSIPPI: Eriocaulon compressum var. Harperi [Harrison] -- E. decangulare [Harrison] -- Lachnocaulon anceps [Harrison & Jackson] -- L. digynum [Harrison].

INDIANA: Eriocaulon septangulare [Steuben & Whitley].

MICHIGAN: Eriocaulon septangulare [Isle Royale, Houghton, Iron, Marquette, Alger, Chippewa, Cheboygan, Presque Isle, Mason, Gratiot, & Cass].

WISCONSIN: Eriocaulon septangulare [Burnett & Calumet].

MINNESOTA: Eriocaulon septangulare [St. Louis, Cook, Crow Wing, & Chisago].

OKLAHOMA: Eriocaulon Körnickianum [Pushtamaha].

ARKANSAS: Eriocaulon Körnickianum [Benton & Logan].

LOUISIANA: Eriocaulon compressum [Calcasieu] -- E. compressum var. Harperi [St. Tammany] -- E. decangulare [Natchitoches, Calcasieu, St. Tammany, & Orleans] -- Lachnocaulon anceps [St. Tammany & Orleans].

TEXAS: Eriocaulon decangulare [Smith & Waller] -- E. texense [Smith] -- Lachnocaulon anceps [Hardin].

CALIFORNIA: Eriocaulon microcephalum [Kern].

MEXICO: Eriocaulon Benthami [Chihuahua, Zacarecas, Jalisco, & Mexico] -- E. bilobatum [Jalisco] -- E. Ehrenbergianum [Chihuahua, Nayarit, Jalisco, Hidalgo, Mexico, Federal District, & Oaxaca] -- E. guadalajarense [Jalisco] -- E. mexicanum [Jalisco] -- E. microcephalum [Mexico & Puebla] -- E. Palmeri [Durango] -- E. Pringlei [Chihuahua] -- E. Schiedeanum [Jalisco] -- E. tepicanum [Nayarit] -- Paepalanthus chiapensis [Chiapas] -- P. Mellii [Veracruz] -- Tonina fluviatilis [Veracruz].

BRITISH HONDURAS: Eriocaulon fuliginosum -- E. Kinlochii -- E. Schippii -- E. Williamsii -- Paepalanthus Gentlei -- P. Lamarckii -- Syngonanthus Bartlettii -- S. hondurensis -- S. Lundellianus -- S. Oneillii -- Tonina fluviatilis.

GUATEMALA: Eriocaulon Ehrenbergianum [Chimaltenango].

COSTA RICA: Eriocaulon microcephalum [San José] -- Paepalanthus costaricensis [San José] -- Syngonanthus caulescens -- Tonina fluviatilis [San José].

PANAMA: Eriocaulon panamense [Chiriquí] -- E. Seemannii [Canal Zone & Panamá] -- E. Williamsii [Coclé] -- Paepalanthus Lamarckii [Coclé].

CUBA: Eriocaulon arenicola [Isla de Pinos] -- E. cubense [Isla de Pinos] -- E. dioecum [Pinar del Río] -- E. echinospermoideum [Santa Clara] -- E. echinospermum [Pinar del Río] -- E. Ekmannii [Pinar del Río] -- E. fuliginosum

[Pinar del Río, Isla de Pinos, Santa Clara, & Oriente] -- *E. fusiforme* [Isla de Pinos] -- *E. heteropetalum* [Pinar del Río] -- *E. insulare* [Pinar del Río & Isla de Pinos] -- *E. lacustre* [Pinar del Río] -- *E. melanocephalum* [Oriente] -- *E. melanocephalum* var. *longipes* [Pinar del Río] -- *E. minutissimum* [Pinar del Río] -- *E. miserrimum* [Isla de Pinos] -- *E. olivaceum* [Isla de Pinos] -- *E. ovoideum* [Isla de Pinos] -- *E. pinarense* [Pinar del Río & Isla de Pinos] -- *E. pseudocompressum* [Pinar del Río] -- *E. sclerocephalum* [Isla de Pinos] -- *E. sigmoideum* -- *Lachnocaulon anceps* [Isla de Pinos] -- *L. cubense* [Santa Clara] -- *L. Ekmannii* [Pinar del Río] -- *Paepalanthus alsinoides* [Pinar del Río] -- *P. alsinoides* var. *minimus* [Pinar del Río & Isla de Pinos] -- *P. Lamarckii* [Pinar del Río & Isla de Pinos] -- *P. montanus* [Oriente] -- *P. pungens* [Oriente] -- *P. retusus* [Pinar del Río] -- *P. riparius* [Oriente] -- *P. sessilicoides* [Pinar del Río, Isla de Pinos, & Oriente] -- *Syngonanthus androsaceus* [Pinar del Río] -- *S. insularis* [Isla de Pinos] -- *S. lagopodioides* [Pinar del Río & Isla de Pinos] -- *S. Wilsonii* [Isla de Pinos] -- *Tonina fluvistilis* [Pinar del Río].

HISPAÑIOLA: *Paepalanthus dominicensis* [Dominican Republic] -- *P. Tuerckheimii* [Dominican Republic].

TRINIDAD: *Paepalanthus Lamarckii*.

ECUADOR: *Eriocaulon microcephalum* [Carchi & Pichincha].

An alphabetized list of citations of herbarium material in the foregoing notes:

Acuña 10,753 (*Tonina fluvistilis*); Allen, T. F., s.n. [Pine barrens, June, 1871] (*Eriocaulon compressum*), s.n. [1870] (*Eriocaulon decangulare*); Allison 207 (*Eriocaulon decangulare*); Ames, G. L., s.n. [Mt. Luber, W., Sept. 1857] (*Eriocaulon septangulare*); André K. 1737 (*Eriocaulon microcephalum*); Anselm 435 (*Eriocaulon septangulare*); Arsène 130 (*Eriocaulon septangulare*); Austin s.n. [East Mass., 1860] (*Eriocaulon septangulare*).

Bailey, Lt., s.n. [West Point] (*Eriocaulon septangulare*); Baker, C. F., 780 (*Eriocaulon decangulare*), 841 (*Lachnocaulon anceps*), 1557 (*Eriocaulon compressum*), 1558 (*Eriocaulon compressum* var. *Harperi*), s.n. [Mobile, 7/20/1897] (*Eriocaulon decangulare*), s.n. [Biloxi, 7-23-1897] (*Eriocaulon decangulare*); Barnes & Land 159 (*Eriocaulon Schiedeanum*); Bartlett, H. H., 313 (*Eriocaulon septangulare*), 11,263 (*Paepalanthus Lamarckii*), 11,263a (*Syngonanthus Bartlettii*), 11,670 (*Syngonanthus Bartlettii*, type coll.), 11,874 (*Paepalanthus Gentlei*); Bartley & Pontius 503 (*Eriocaulon decangulare*); Bartram 2277 (*Lachnocaulon anceps*); Bassett s.n. [Hammonton] (*Eriocaulon compressum*), s.n. [Atco] (*Eriocaulon*

decangulare), s.n. [Atco, July 19, 1923] (Eriocaulon decangulare); Batchelder s.n. [Merrimack, Aug. 4, 1917] (Eriocaulon septangulare); Beals s.n. [Hammonton Lake, July 1, 1922] (Eriocaulon compressum), s.n. [Hammonton Lake] (Eriocaulon septangulare); Beechey s.n. [Jalisco] (Eriocaulon Ehrenbergianum); Berg s.n. [Near Tallahassee] (Eriocaulon decangulare), s.n. [Near Tallahassee] (Lachnocaulon minus), s.n. [Near Tallahassee] (Syngonanthus flavidulus); Beringer s.n. [Atco, June, 1895] (Eriocaulon compressum), s.n. [Atco, Aug. 1890] (Eriocaulon decangulare); Berlandier 760 (Eriocaulon Ehrenbergianum, cotype coll.); Beyrich s.n. [Amer. bor.] (Lachnocaulon anceps); Bicknell 230 (Eriocaulon septangulare), 231 (Eriocaulon septangulare), s.n. [Rockville Center, July 25, '03] (Eriocaulon septangulare); Biltmore Herb. 2296a (Eriocaulon compressum var. Harperi), 2755 (Lachnocaulon anceps), 2755a (Lachnocaulon anceps), 3162a (Syngonanthus flavidulus), 3865a (Eriocaulon lineare), 3867a (Eriocaulon decangulare), 3867b (Eriocaulon decangulare), 3867c (Eriocaulon decangulare), 3867d (Eriocaulon decangulare), 3867f (Eriocaulon decangulare), 15,001d (Lachnocaulon eciliatum); Bisky s.n. [Lakeville] (Eriocaulon septangulare); Blake, S. F., 4366 (Eriocaulon septangulare), 10,665 (Eriocaulon decangulare); Blanton, F. S., 6491 (Syngonanthus flavidulus); Blanton, O., 86 (Eriocaulon decangulare); Blodgett s.n. [Martha's Vineyard, Aug. 19, '93] (Eriocaulon septangulare), s.n. [Key West] (Lachnocaulon anceps); Boykin 12 (Lachnocaulon anceps), s.n. (Eriocaulon decangulare); Brainerd s.n. [Lake Dunmore, Aug. 16, 1878] (Eriocaulon septangulare); Briggs s.n. [Chemo Stream, Aug. 1891] (Eriocaulon septangulare); Brinton s.n. [Pine barrens, Sept. 1892] (Eriocaulon septangulare); Britton, N. L., 24 (Eriocaulon Parkeri), 56 (Eriocaulon decangulare), s.n. [Forked River, Aug. 17, 1889] (Eriocaulon decangulare), s.n. [Morris Pond, Sept. 13, 1887] (Eriocaulon septangulare); Britton, Britton, Earle, & Gager 6488 (Syngonanthus lagopodioides); Britton, Britton, & Gager 6960 (Eriocaulon insulare), 6980 (Paepalanthus seslerioides), 7058 (Syngonanthus lagopodioides), 7060 (Eriocaulon fuliginosum), 7090 (Paepalanthus alsinoides), 7130 (Paepalanthus alsinoides), 7131 (Paepalanthus seslerioides), 7251 (Paepalanthus seslerioides), 7254 (Syngonanthus lagopodioides), 7257 (Eriocaulon echinospermum); Britton, Britton, & Timmerman s.n. [Port Sandfield, Sept. 1, 1887] (Eriocaulon septangulare); Britton, Britton, & Wilson 14,144 (Paepalanthus alsinoides var. minimus), 14,162 (Syngonanthus insularis, type coll.), 14,179 (Eriocaulon arenicola, type coll.), 14,217 (Syngonanthus lagopodioides), 14,220 (Eriocaulon ovoideum, type coll.), 14,223 (Syngonanthus lagopodioides), 14,225 (Paepalanthus seslerioides), 14,948 (Eriocaulon sclerocephalum), 14,951 (Eriocaulon fusiforme, type

coll.), 15,008 (Eriocaulon pinerense), 15,787 (Syngonanthus lagopodioides), 15,789 (Syngonanthus lagopodioides), 15,789a (Syngonanthus Wilsonii, type coll.); Britton & Wilson 19 (Lachnocaulon anceps), 14,319 (Paepalanthus seslerioides), 15,689 (Paepalanthus seslerioides); Broadway, W. E., 9310 (Paepalanthus Lamarckii); Brown, C. A., 3462 (Eriocaulon septangulare), 3626 (Eriocaulon septangulare); Buckley s.n. [June] (Lachnocaulon anceps); Bush 71 (Eriocaulon decangulare), 107 (Lachnocaulon anceps); Butters s.n. [Clear Lake, Aug. 24, 1919] (Eriocaulon septangulare); Butters & Buell 474 (Eriocaulon septangulare).

Camp 2265 (Eriocaulon Ehrenbergianum); Canby s.n. [Hibernia, March, 1869] (Eriocaulon compressum), s.n. [Ellendale, July 24, 1893] (Eriocaulon decangulare), s.n. [Salisbury, Sept. 1887] (Eriocaulon septangulare), s.n. [Hibernia, 1869] (Lachnocaulon anceps), s.n. [Prope Wilmington, Oct. 1867] (Lachnocaulon minus), s.n. [Hibernia, March, 1869] (Lachnocaulon minus), s.n. [Hibernia, March, 1869] (Syngonanthus flavidulus); Carter s.n. [Gunpowder Sta., Aug. 27, 1903] (Eriocaulon Parkeri), s.n. [Salisbury, July 15, 1904] (Eriocaulon Parkeri), s.n. [Belmar, July 12, 1910] (Eriocaulon Parkeri); Chamberlain s.n. [Wenham Pond, Aug. 1899] (Eriocaulon septangulare); Chaney 67 (Eriocaulon septangulare); Chapman 182 (Syngonanthus flavidulus), s.n. [Florida] (Eriocaulon compressum), s.n. [Florida] (Lachnocaulon Engleri), s.n. [St. Andrew's Bay, 1838] (Lachnocaulon Engleri), s.n. (Syngonanthus flavidulus); Chardon 28 (Paepalanthus Tuerckheimii); Chrysler s.n. [13 July, 1930] (Eriocaulon compressum), s.n. [Chataworth, 3 June, 1931] (Eriocaulon compressum), s.n. [W. of Speedwell, 13 July, 1930] (Eriocaulon decangulare); Clinton s.n. [Warner, August, 1935] (Eriocaulon septangulare); Clute 116 (Eriocaulon septangulare), 214 (Eriocaulon decangulare); Clute & Wilson s.n. [Hempstead, July 20--21, 1899] (Eriocaulon septangulare); Collector undesignated 272 (Eriocaulon compressum), s.n. [1832] (Eriocaulon decangulare), s.n. [Fine barrens] (Eriocaulon decangulare), s.n. [Sept. 6, '92] (Eriocaulon Ehrenbergianum), s.n. [Schooley's Mtn., August, 1820] (Eriocaulon septangulare), s.n. [Southampton Pond, 1829] (Eriocaulon septangulare), s.n. [Florida] (Lachnocaulon Engleri), s.n. (Eriocaulon septangulare); Columbia University s.n. [Pine barrens] (Eriocaulon compressum); Combs 588 (Eriocaulon fuliginosum); Commons s.n. [Atsion, June 22, 1882] (Eriocaulon compressum), s.n. [Pine barrens, Oct. 1, 1872] (Eriocaulon decangulare), s.n. [June 18, 1875] (Eriocaulon decangulare); Conrad s.n. [Near Philadelphia] (Eriocaulon Parkeri); Cooper, W., s.n. [Lake George, Aug. 1817] (Eriocaulon septangulare), s.n. [Near Tarrytown, August, 1819] (Eriocaulon septangulare); Coville 202 (Eriocaulon decangulare); Crawford &

Bliss s.n. [Atco, July 10, 1927] (Eriocaulon septangulare); Cuesta 371 (Eriocaulon pseudocompressum), 374 (Eriocaulon Ekmannii); Curtis, M. A., s.n. (Eriocaulon decangulare); Curtiss 3016 [June] (Eriocaulon decangulare), 3016 [July] (Eriocaulon decangulare), 3017 (Eriocaulon compressum), 3021 (Lachnocaulon anceps), 3022 (Lachnocaulon eciliatum, type coll.), 4140 (Syngonanthus flavidulus), 5690 (Eriocaulon decangulare), 5911 (Lachnocaulon minus), 6894 (Lachnocaulon minus), s.n. [Summer, 1885] (Eriocaulon lineare); Cushman & Word s.n. [Shore of South Pond, Aug. 1910] (Eriocaulon septangulare); Cuthbert 141 (Lachnocaulon anceps), s.n. [August, May, 1881] (Lachnocaulon anceps).

Deam, C. C., 1290 (Eriocaulon septangulare), 20,896 (Eriocaulon septangulare), 20,952 (Eriocaulon septangulare), s.n. [Round Lake, 9-1-97] (Eriocaulon septangulare); Davis, C. A., s.n. [Alma, Aug. 13, '95] (Eriocaulon septangulare), s.n. [Alma, Aug. '95] (Eriocaulon septangulare), s.n. [Crystal Falls, Aug. 1905] (Eriocaulon septangulare), s.n. [Sept. 1905] (Eriocaulon septangulare), s.n. [Nantucket, 14 Aug. 1911] (Eriocaulon septangulare); Davis, E., s.n. [Pittsfield] (Eriocaulon septangulare); Denslow s.n. [Killingworth, Sept. 5, 1902] (Eriocaulon septangulare), s.n. [Newbury, July 31, 1923] (Eriocaulon septangulare); Dodge 468 (Eriocaulon septangulare), s.n. [Aug. 30, 1914] (Eriocaulon septangulare), s.n. [Aug. 30, 1916] (Eriocaulon septangulare); Dowell s.n. [Aug. 13, 1910] (Eriocaulon Parkeri); Dreisbach 3593 (Eriocaulon decangulare); Drummond, T., 356 (Eriocaulon decangulare), II.409 (Eriocaulon texense, type coll.); Drushel 10,075 (Eriocaulon decangulare), 10,095 (Eriocaulon decangulare), 10,135 (Lachnocaulon anceps); Duckworth s.n. [Little Lake, Aug. 4, 1906] (Eriocaulon septangulare); Dukes 9 (Lachnocaulon anceps).

Eames 8976 (Eriocaulon Parkeri), s.n. [Chatsworth, VI.12. 1894] (Eriocaulon compressum); Earle 3123 (Eriocaulon decangulare), s.n. [Leesburg, 6/20/1895] (Eriocaulon decangulare); Eaton, A. A., s.n. [Miami, Nov. & Dec. 1903] (Eriocaulon Ravenelii); Eaton, D. C., s.n. [1860] (Eriocaulon decangulare), s.n. (Eriocaulon septangulare); Eaton, H. H., s.n. [Sand Lake, 1829] (Eriocaulon septangulare); Eggers 2216 (Paepalanthus domingensis, cotype coll.), 2216b (Paepalanthus domingensis, cotype coll.); Eggleston 5027 (Eriocaulon decangulare); Ehlers 112 (Eriocaulon septangulare), 1109 (Eriocaulon septangulare), 1686 (Eriocaulon septangulare), 5153 (Eriocaulon septangulare), 5440 (Eriocaulon septangulare), 6150 (Eriocaulon septangulare); Ehrenberg & Aschenborn 531 (Eriocaulon Ehrenbergianum, cotype coll.); Ekman 2341 (Paepalanthus pungens), 3522 (Paepalanthus montanus), 5709 (Paepalanthus pungens), 10,792 (Syngonanthus androsaceus), 10,822 (Eriocaulon sclerocephalum, cotype coll.), 10,823

(Syngonanthus lagopodioides), 11,033 (Paepalanthus sealierioides), 11,034 (Paepalanthus alsinoides var. minimus), 11061 (Syngonanthus lagopodioides), 11,120 (Tonina fluviatilis), 11,145 (Syngonanthus lagopodioides), 11,221 (Eriocaulon pseudocompressum), 11,956 (Eriocaulon miserrimum, type coll.), 11,965 (Paepalanthus alsinoides var. minimus), 11,973 (Syngonanthus lagopodioides), 11,975 (Eriocaulon sclerocephalum, cotype coll.), 11,990 (Eriocaulon sclerocephalum, cotype coll.), 12,015 (Paepalanthus Lamarckii), 12,029 (Eriocaulon olivaceum, type coll.), 12,029a (Eriocaulon insulare), 12,065 (Eriocaulon cubense, type coll.), 12,071 (Syngonanthus lagopodioides), 12,095 (Syngonanthus insularis), 12,100 (Paepalanthus alsinoides var. minimus), 12,106 (Eriocaulon sclerocephalum), 12,106a (Eriocaulon fuliginosum), 12,191 (Eriocaulon sclerocephalum, cotype coll.), 12,410 (Lachnocaulon anceps), 12,806 (Paepalanthus retusus), 12,807 (Eriocaulon dioicum, type coll.), 17,118 (Lachnocaulon cubense, type coll.), 17,253 (Eriocaulon heteropetalum, type coll.), 17,808 (Eriocaulon insulare, type coll.), 17,810 (Paepalanthus seslerioides), 17,864 (Eriocaulon fuliginosum), 17,877 (Eriocaulon lacustre, type coll.), 17,888 (Eriocaulon Ekmannii, type coll.), 17,918 (Paepalanthus alsinoides), 17,948 (Eriocaulon minutissimum, type coll.), 18,121 (Paepalanthus Lamarckii), 18,127 (Eriocaulon fuliginosum), 18,128 (Eriocaulon echinospermum), 18,132 (Lachnocaulon Ekmannii), 18,769 (Eriocaulon pinarensis, type coll.); Erlanson, C. O., 395 (Eriocaulon septangulare).

Fassett 157 (Eriocaulon Parkeri), 7711 (Eriocaulon septangulare); Ferguson 302b (Eriocaulon septangulare), 1869 (Eriocaulon septangulare), 2296 1/2 (Eriocaulon septangulare), 2483 (Eriocaulon septangulare), 7755 (Eriocaulon septangulare), s.n. [Hempstead, 7-25-19] (Eriocaulon septangulare), s.n. [Meadow Brook, 8-26-20] (Eriocaulon septangulare); Fernald 369 (Eriocaulon septangulare); Fernald, Bissell, Graves, Long, & Linder 20,597 (Eriocaulon septangulare); Fernald & Long 6121 (Lachnocaulon anceps), 13,162 (Eriocaulon septangulare), 13,165 (Eriocaulon Parkeri), 13,166 (Eriocaulon Parkeri), 15,167 (Eriocaulon Parkeri), 20,594 (Eriocaulon septangulare), Plant. Exsicc. Gray. 174 (Eriocaulon Parkeri); Fernald, Long, & Dunbar 26,459 (Eriocaulon septangulare); Fernald, Long, & Smart 5698 (Lachnocaulon anceps), 6790 (Eriocaulon decangulare); Fernald & Pease 3220 (Eriocaulon septangulare); Fernald & Wiegand 5068 (Eriocaulon septangulare); Fitch, A., s.n. [East Greenwich, 19.4.13] (Eriocaulon septangulare); Fogg 2508 (Eriocaulon septangulare), 4602 (Eriocaulon decangulare), 4655 (Eriocaulon decangulare); Foote s.n. [July 19, 1868] (Eriocaulon septangulare); Fowler s.n. [St. John, Sept. 1873] (Eriocaulon septangulare); Friesner 10,224 (Eriocaulon septangulare).

lare); Fuertes 1748 (Paepalanthus domingensis).

Garber s.n. [Manatee, Apr. 1876] (Syngonanthus flavidulus); Gates 858 (Eriocaulon septangulare); Gates, Fletcher, & Jewett 188 (Lachnocaulon anceps), 189 (Eriocaulon compressum var. Harperi), 190 (Eriocaulon compressum var. Harperi), 191 (Eriocaulon compressum), 192 (Eriocaulon compressum var. Harperi), s.n. [Mobile, May 15, 1839] (Eriocaulon compressum var. Harperi); Gentle 992 (Paepalanthus Gentlei, type coll.), 992a (Paepalanthus Lamarckii), 993 (Eriocaulon fuliginosum); Gibbes s.n. [1st March, 1839] (Eriocaulon compressum), s.n. [Summerville, May 25, 1855] (Lachnocaulon anceps), s.n. [Sept. 1833] (Syngonanthus flavidulus); Gilbert, E. J. C., s.n. [Keene, Sept. 1875] (Eriocaulon septangulare); Gleason & Gleason 202 (Eriocaulon septangulare); Gleason, Smith, & Alexander 173 (Eriocaulon septangulare); Gray, A., s.n. [1840] (Eriocaulon compressum); Greville s.n. (Eriocaulon septangulare); Grimes 3761 (Lachnocaulon anceps), 4135 (Eriocaulon Parkeri); Gross 3016 (Eriocaulon decangulare), 3017 (Eriocaulon septangulare), 3118 (Eriocaulon compressum), s.n. (Eriocaulon compressum); Groves & Groves s.n. [8. VIII.1892] (Eriocaulon septangulare).

Hale 160 (Lachnocaulon anceps), 456 (Eriocaulon decangulare), s.n. (Eriocaulon decangulare); Hall, E., 635 (Eriocaulon decangulare); Hamilton, C. A., 25,149 (Eriocaulon septangulare); Harper, F., 383 (Eriocaulon compressum var. Harperi), s.n. [Floyd's Island] (Syngonanthus flavidulus); Harper, J. S., 161 (Syngonanthus flavidulus), 394 (Eriocaulon compressum); Harper, R. M., 7 (Lachnocaulon eciliatum), 8 (Lachnocaulon Engleri), 22 (Eriocaulon lineare), 42 (Lachnocaulon minus), 47 (Eriocaulon lineare), 79 (Eriocaulon compressum var. Harperi, type coll.), 85 (Eriocaulon lineare), 223 (Eriocaulon lineare), 443 (Lachnocaulon anceps), 444 (Eriocaulon decangulare), 803 (Syngonanthus flavidulus), 804 (Lachnocaulon anceps), 830 (Eriocaulon lineare, type coll.), 1395 (Eriocaulon compressum var. Harperi), 1491 (Lachnocaulon Beyrichianum), 1607 (Lachnocaulon minus), 1608 (Eriocaulon lineare), 2146 (Eriocaulon lineare), 2170 (Eriocaulon compressum), 2219 (Eriocaulon compressum); Harper & Harper s.n. [Aug. 3, '97] (Eriocaulon septangulare); Hartweg 258 (Eriocaulon Benthami, type coll.); Harvey, F. L., s.n. [Siloam Spring, June, 1885] (Eriocaulon Körnickianum), s.n. [Orono, 1884] (Eriocaulon septangulare); Hasse s.n. [Northern Wisconsin, July, 1882] (Eriocaulon septangulare), s.n. [Lake Hilbert, Aug. '84] (Eriocaulon septangulare); Heller, A. A., 180 (Eriocaulon decangulare), 181 (Eriocaulon decangulare), s.n. (Eriocaulon decangulare); Herb. Chapman s.n. [Florida] (Eriocaulon compressum), s.n. [Florida] (Eriocaulon decangulare), s.n. [Florida] (Eriocaulon decangulare var. latifolium, type coll.), s.n. [Lake Mahopac, Aug. 1848] (Eriocaulon

septangulare), s.n. [Lake Dunmore, 1859] (Eriocaulon septangulare), s.n. [Florida] (Lachnocaulon anceps), s.n. [Bristol] (Lachnocaulon minus); Herb. Columbia Univ. s.n. [Fla.] (Lachnocaulon anceps); Herb. Le Roy s.n. [Fla.] (Lachnocaulon anceps), s.n. [St. Andrew's Bay] (Lachnocaulon Engleri); Herb. Torrey s.n. [Pine barrens] (Eriocaulon compressum), s.n. [Pine barrens, June, 1818] (Eriocaulon decangulare); Herb. Torrey Botanical Club s.n. [Hanover] (Eriocaulon septangulare); Herb. Univ. Michigan s.n. [Mobile, May 7, 1839] (Eriocaulon compressum), s.n. [Aug. 25, 1838] (Eriocaulon septangulare); Hermann, F. J., 7012 (Eriocaulon septangulare), 7146 (Eriocaulon septangulare); Hexamer & Meier s.n. [Manchester pond, Aug. 25] (Eriocaulon septangulare); Hinton 627 (Eriocaulon Benthami), 3488 (Eriocaulon Benthami), 3638 (Eriocaulon Benthami), 4549 (Eriocaulon Benthami); Hitchcock, A. S., 374 (Lachnocaulon glabrum), 375 (Eriocaulon decangulare), s.n. [Eustis, June--July, 1894] (Lachnocaulon anceps), s.n. [Eustis, June--July, 1894] (Lachnocaulon minus), s.n. [Eustis, June--July, 1894] (Syngonanthus flavidulus); Hogg 8, in part (Eriocaulon compressum), 8, in part (Syngonanthus flavidulus); Hollick s.n. [Provincetown] (Eriocaulon septangulare); Holm s.n. [Holmead, July 22, 1888] (Eriocaulon decangulare), s.n. [Surattsville, Aug. 6, 1900] (Eriocaulon decangulare); Houghton s.n. [Lac des Isles, Aug. 5, 1831] (Eriocaulon septangulare); House 2685 (Lachnocaulon anceps), 5108 (Eriocaulon compressum), 5822 (Eriocaulon septangulare), 21,951 (Eriocaulon septangulare), 25,128 (Eriocaulon Parkeri), s.n. [North Bay of Oneida Lake, July, 1901] (Eriocaulon septangulare), s.n. [North shore, Oneida Lake, Aug. 1903] (Eriocaulon septangulare); Howe & Lang 686 (Eriocaulon septangulare), 765 (Eriocaulon septangulare), 856 (Eriocaulon septangulare), 1421 (Eriocaulon septangulare), 1583 (Eriocaulon septangulare), 1603 (Eriocaulon septangulare); Huger, A. M., s.n. ["X.Q."] (Eriocaulon compressum), s.n. ["X.C.I."] (Lachnocaulon anceps), s.n. [Winter Park, April, 1900] (Syngonanthus flavidulus); Hyams, M. E., s.n. [Wilmington, July, 1879] (Lachnocaulon anceps).

Ingalls s.n. (Lachnocaulon anceps).

James s.n. [Delaware River near Cooper's Creek] (Eriocaulon Parkeri, cotype coll.); Jameson 206 (Eriocaulon microcephalum); Jennings 338 (Paepalanthus sealeriooides), 387 (Paepalanthus alsinoides var. minimus, type coll.); Jewett s.n. [Mobile, May 9, 1839] (Lachnocaulon anceps).

Keeler s.n. [Vicinity of Mayport & Jacksonville] (Lachnocaulon anceps); Killip 3614 (Eriocaulon panamense, type coll.), 32,380 (Eriocaulon melanocephalum); Kinloch 213 (Eriocaulon Kinlochii, type coll.); Knight 2 (Syngonanthus flavidulus), s.n. [Echo Lake, 12.7.79] (Eriocaulon septangulare); Kraemer s.n. [Tom's River, June 30, 1891] (Eriocaulon

compressum); Kurz s.n. [May 16, 1926] (Eriocaulon compressum var. Harperi).

Lambert, B. B., 8 (Eriocaulon septangulare); Langdon s.n. [Little Squaw Lake, July 27, 1894] (Eriocaulon septangulare); Langlois s.n. [Pass Christian, March, 1880] (Eriocaulon compressum var. Harperi), s.n. [Near Mandeville, i.V.1893] (Eriocaulon compressum var. Harperi), s.n. [Mandeville, 15. VIII.1892] (Eriocaulon decangulare), s.n. [9.IX.1892] (Eriocaulon decangulare), s.n. [Mandeville to Covington, April, 1879] (Lachnocaulon anceps); Leavenworth s.n. [Tampa Bay] (Eriocaulon compressum), s.n. [Tampa Bay] (Eriocaulon decangulare), s.n. [Tampa Bay] (Syngonanthus flavidulus); Le Conte s.n. (Lachnocaulon anceps); Leggett s.n. [Quaker Bridge, July 8, 1864] (Eriocaulon decangulare), s.n. [Pine barrens, Sept. 16--18, 1873] (Eriocaulon decangulare), s.n. [Canaan Pond] (Eriocaulon septangulare), s.n. [Lake Mohegan, Sept. 6, 1868] (Eriocaulon septangulare); Lehmann 567 (Eriocaulon microcephalum); León 15,946 (Syngonanthus androsaceus); León & Cazanas 5910 (Eriocaulon fuliginosum); León & Roca 6930 (Syngonanthus lagopodioides), 6970 (Paepalanthus seslerioides); Liebmann s.n. [Chinantla] (Eriocaulon microcephalum); Lighthipe 172 (Eriocaulon compressum), 173 (Syngonanthus flavidulus), 452 (Lachnocaulon anceps), s.n. [Monticello, March, 1891] (Syngonanthus flavidulus); Lloyd & Tracy 318 (Lachnocaulon digynum), 319 (Eriocaulon decangulare), 320 (Lachnocaulon anceps); Long, B., 4721 (Eriocaulon Parkeri), 4767 (Eriocaulon Parkeri), s.n. [Millville, Oct. 7, 1909] (Eriocaulon Parkeri); Lucy 2237 (Eriocaulon septangulare); Lugren s.n. [Volusia] (Syngonanthus flavidulus).

MacElwee 658 (Eriocaulon compressum); Mackenzie 796 (Eriocaulon septangulare), 1021 (Eriocaulon septangulare), 1050 (Eriocaulon decangulare), 1638 (Eriocaulon decangulare), 2361 (Eriocaulon decangulare), 3694 (Eriocaulon decangulare), 3846 (Eriocaulon septangulare), 4051 (Eriocaulon decangulare), 4059 (Lachnocaulon anceps), 4257 (Eriocaulon decangulare), 4417 (Eriocaulon septangulare), 4741 (Eriocaulon decangulare), 4850 (Eriocaulon septangulare), 5277 (Eriocaulon septangulare), 5482 (Eriocaulon decangulare), 5671 (Eriocaulon Parkeri), 5684 (Eriocaulon Parkeri), 7236 (Eriocaulon Parkeri), 7277 (Eriocaulon septangulare), 7344 (Eriocaulon Parkeri), s.n. [West of Mantoloking, Sept. 21, 1912] (Eriocaulon Parkeri), s.n. [Wetown, Sept. 1922] (Eriocaulon septangulare); Macoun 22,639 (Eriocaulon septangulare), s.n. [North Sydney, July 14, 1883] (Eriocaulon septangulare); Marie-Victorin 15,737 (Eriocaulon septangulare), s.n. [Lacs du Laurentides, Août, 1912] (Eriocaulon septangulare); McFarlin 2381 (Eriocaulon septangulare), 3418 (Eriocaulon decangulare), 4491 (Eriocaulon compressum), 6381 (Lachnocaulon anceps), 7545 (Eriocaulon decangulare); Mell, C. D., s.n.

[Minatitlan, Nov. 28, 1928] (Paepalanthus Mellii, type coll.); Mellichamp s.n. [Bluffton] (Syngonanthus flavidulus); Metcalf 2172 (Eriocaulon septangulare); Meyer, W. C., 134 (Eriocaulon Williamsii); Michaux s.n. (Syngonanthus flavidulus, type coll.); Miller, W. de W., 1534 (Eriocaulon septangulare); Miner s.n. [Aug. 11, 1931] (Eriocaulon septangulare); Minns s.n. [Crawford's, Aug. 1887] (Eriocaulon septangulare); Mohr s.n. [Oct. 4, 1894] (Eriocaulon decangulare), s.n. [De Funiac Springs, May 12, 1892] (Syngonanthus flavidulus); Moldenke, H. N., 233 (Eriocaulon decangulare), 688 (Syngonanthus flavidulus), 689 (Eriocaulon compressum var. Harperi), 689a (Eriocaulon compressum), 940 (Syngonanthus flavidulus), 1123 (Eriocaulon compressum var. Harperi), 5591 (Eriocaulon decangulare), 10,577 (Eriocaulon compressum); Morong s.n. [Cantonsville, Aug. 11, 1873] (Eriocaulon compressum), s.n. [Atco, Sept. 3, 1873] (Eriocaulon decangulare), s.n. [Hamilton, July 27, 1875] (Eriocaulon septangulare), s.n. [South Natick, Sept. 15, 1881] (Eriocaulon septangulare); Muenscher & Curtis 5598 (Eriocaulon Parkeri), 5600 (Eriocaulon Parkeri), 5611 (Eriocaulon septangulare).

Nash 92 (Eriocaulon compressum), 143 (Syngonanthus flavidulus), 148 (Lachnocalon minus), 847 (Eriocaulon decangulare), 1184 (Lachnocalon Engleri, type coll.), 1295 (Lachnocalon minus), 1722 (Eriocaulon decangulare), 1855 (Lachnocalon minus), 1942 (Lachnocalon anceps), 1944 (Syngonanthus flavidulus), 1981 (Lachnocalon floridanum, type coll.), s.n. [July 26, 1909] (Eriocaulon septangulare), s.n. [Twin Lakes, July 30, 1909] (Eriocaulon septangulare); Nat. Herb. Canada 130,088 (Eriocaulon septangulare); Nelson, E. W., 6028 (Eriocaulon Benthami); Nichols 1623 (Eriocaulon septangulare); Northrop, A. B., s.n. [Nashawena, July--Aug. 1901] (Eriocaulon septangulare), s.n. [Nashawena, Aug. 1901] (Eriocaulon septangulare); Northrop, J. I., 184 (Eriocaulon septangulare).

O'Neill 81 (Eriocaulon decangulare), 611 (Syngonanthus flavidulus), 633 (Lachnocalon anceps), 652 (Syngonanthus flavidulus), 732 (Eriocaulon compressum), 786 (Lachnocalon anceps), 1153 (Eriocaulon decangulare), 1815 (Eriocaulon decangulare), 1947 (Eriocaulon compressum), 6512 (Eriocaulon compressum), 7778 (Eriocaulon compressum), 7779 (Eriocaulon compressum), 7780 (Eriocaulon compressum), 7781 (Eriocaulon decangulare), 7782 (Eriocaulon decangulare), 7783 (Lachnocalon anceps), 7785 (Lachnocalon minus), 7785a (Lachnocalon Engleri), 7787 (Lachnocalon anceps), 7788 (Syngonanthus flavidulus), 7875 (Syngonanthus flavidulus), 8190 (Eriocaulon septangulare), 8543 (Syngonanthus hondurensis, type coll.), 8543a (Syngonanthus O'Neillii), 8546 (Syngonanthus Lundellianus, type coll.), 8547 (Paepalanthus Gentlei), 8548 (Syngonanthus O'Neillii, type coll.), 8549 (Syngonanthus

Oneillii), 9096 (Eriocaulon decangulare), "Count 13" (Eriocaulon decangulare), "Count 100" (Lachnocaulon anceps), "Count 181" (Lachnocaulon anceps), s.n. [Fish Lake, Feb. 20, 1927] (Eriocaulon lineare), s.n. [Prairies, Oct. 28, 1929] (Lachnocaulon anceps), s.n. [Lake Ola, July 2, 1929] (Lachnocaulon Engleri), s.n. [Fish Lake, Feb. 20, 1926] (Syngonanthus flavidulus), s.n. [Big Cypress Swamp, April, 1927] (Syngonanthus flavidulus); Costing 3555 (Lachnocaulon anceps); Orcutt 3285 (Tonina fluviatilis).

Palmer, Edw., 44 (Eriocaulon Ehrenbergianum), 172 (Eriocaulon Palmeri, type coll.), 580 (Syngonanthus flavidulus), 2029 (Eriocaulon tepicanum, type coll.); Palmer, E. J., 7718 (Eriocaulon compressum), 7981 (Eriocaulon decangulare), 8320 (Eriocaulon Körnickianum), 38, 324 (Syngonanthus flavidulus), 38, 325 (Eriocaulon compressum); Parker, C. F., s.n. [Opp. Sea Isle City, Aug. 18, '82] (Eriocaulon decangulare), s.n. [Camden] (Eriocaulon Parkeri, cotype coll.); Pelly 73 (Eriocaulon fuliginosum); Pennell 1927 (Eriocaulon decangulare), 4144 (Eriocaulon decangulare), 4465 (Eriocaulon decangulare var. latifolium), 4472 (Eriocaulon decangulare), 4474 (Lachnocaulon digynum), 4509 (Syngonanthus flavidulus), 8194 (Eriocaulon septangulare), 8400 (Eriocaulon septangulare), 8431 (Eriocaulon septangulare), 9075 (Eriocaulon decangulare), 9079 (Eriocaulon decangulare), 9898 (Eriocaulon Parkeri), 12, 903 (Eriocaulon decangulare), 16, 704 (Eriocaulon septangulare); Phelps 296 (Eriocaulon septangulare); Pittier, H., 4932 (Paepalanthus Lamarckii), s.n. [Herb. Instit. Physico-geogr. Nat. Costaric. 11, 043] (Syngonanthus caulescens); Poggengburg s.n. [Manchester, Sept. 19, '85] (Eriocaulon decangulare); Pollard & Maxon 562 (Lachnocaulon anceps); Pringle 1734 (Eriocaulon guadalajarense, type coll.), 2018 (Eriocaulon Pringlei), 2936 (Eriocaulon Schiedeanum; type coll. of E. Jaliscanum), 3855 (Eriocaulon bilobatum, type coll.), 6144 (Eriocaulon microcephalum), 6146 (Eriocaulon Schiedeanum), 6299 (Eriocaulon bilobatum), 7361 (Eriocaulon microcephalum), 8989 (Eriocaulon Ehrenbergianum), 11, 202 (Eriocaulon mexicanum, type coll.), 13, 228 (Eriocaulon microcephalum), s.n. [Near Guadalajara, Oct. 7, 1890] (Eriocaulon Schiedeanum); Purpus 179 (Paepalanthus chiapensis), 10, 565 (Paepalanthus chiapensis, type coll.); Pyle 754 (Eriocaulon Körnickianum).

Raup 7748 (Eriocaulon septangulare); Ravenel s.n. [St. Johns] (Eriocaulon Ravenelii, type coll.), s.n. [Aiken 1870] (Lachnocaulon anceps), s.n. [Florence, 1879] (Lachnocaulon anceps), s.n. [Florence, 1879] (Syngonanthus flavidulus); Reverchon 2766 (Eriocaulon decangulare), 4359 (Eriocaulon texense); Reynolds, M. C., s.n. [St. Augustine, 1877] (Eriocaulon compressum), s.n. [St. Augustine, Mar.--June, 1875] (Lachnocaulon Beyrichianum), s.n. [Mar.--July, 1875] (Syngono-

nanthus flavidulus); Rich, R. H., s.n. [Tom's River, May 30, 1887] (Eriocaulon compressum), s.n. [July 26, 1896] (Eriocaulon septangulare); Robinson, C. B., 396 (Eriocaulon septangulare); Robinson & Schrenk 112 (Eriocaulon septangulare), s.n. [12 Aug. 1894] (Eriocaulon septangulare); Rose, J. N., s.n. [August, 1897] (Eriocaulon Ehrenbergianum); Rose & Painter 7929 (Eriocaulon microcephalum); Rousseau 35,579 (Eriocaulon septangulare); Rugel s.n. [Swanano, Jul. 1841] (Eriocaulon decangulare); Ruger s.n. [Manchester] (Eriocaulon decangulare); Ruggles s.n. [Near Milton] (Eriocaulon septangulare); Rusby, H. H., s.n. [Bass River, Aug. 1875] (Eriocaulon compressum), s.n. [Bass River, Aug. 1875] (Eriocaulon decangulare), s.n. [Stockton, Aug. 1889] (Eriocaulon decangulare), s.n. [Stockton, Aug. 1889] (Eriocaulon septangulare); Ruth 133 (Lachnocalon anceps).

Salmon s.n. [circa 1843] (Eriocaulon septangulare); Sandberg s.n. [Aug. 1891] (Eriocaulon septangulare); Schaffner, W., 226 (Eriocaulon Ehrenbergianum), 226a (Eriocaulon Ehrenbergianum), 226b (Eriocaulon microcephalum), 426 (Eriocaulon microcephalum); Schiede s.n. [Mineral del Monte] (Eriocaulon Ehrenbergianum, cotype coll.), s.n. [Toluca] (Eriocaulon Ehrenbergianum, cotype coll.); Schipp 647 (Eriocaulon Schippii, type coll.), 693 (Tonina fluviatilis), S.130 (Paepalanthus Lamarckii); Schrenk s.n. [Manchester, July 25, '77] (Eriocaulon decangulare); Schweinitz s.n. (Eriocaulon decangulare); Seemann 295 (Eriocaulon Seemannii, type coll.); Sessé, Mociño, Castillo, & Maldonado 456 (Eriocaulon Ehrenbergianum; cotype coll. of E. anceps Sessé & Moc.), 465 (Eriocaulon Ehrenbergianum; cotype coll. of E. anceps Sessé & Moc.); Seymour 268 (Eriocaulon septangulare); Shafer 4093 (Paepalanthus seelerioides), 4104 (Paepalanthus montanus), 4106 (Paepalanthus riparius, type coll.), 4473 (Paepalanthus montanus, type coll.), 8045 (Paepalanthus montanus), 8251 (Paepalanthus montanus), 10,663 (Eriocaulon fuliginosum), 10,682 (Paepalanthus alsinoides var. minimus), 10,866 (Syngonanthus lagopodioides), 10,882 (Paepalanthus seslerioides), 10,956 (Paepalanthus seslerioides), 10,995 (Syngonanthus lagopodioides), 11,011 (Lachnocalon Ekmannii), 11,705 (Eriocaulon echinospermum), 11,782 (Syngonanthus lagopodioides), 11,784 (Syngonanthus androsaceus); Sheehan s.n. [Cat-tail Island, Feb. 26, 1919] (Eriocaulon compressum), s.n. [Goffstown, July 31, 1931] (Eriocaulon septangulare), s.n. [Boakum Place, March 6, 1919] (Syngonanthus flavidulus); Simpson, J. H., 396 (Eriocaulon decangulare); Skottsberg, C., s.n. [Buckingham, 19.5.1935] (Eriocaulon compressum), s.n. [Sanford, 14.5.1935] (Lachnocalon anceps), s.n. [Below Jacksonville & Atlantic Beach] (Syngonanthus flavidulus); Skutch 617 (Eriocaulon Ehrenbergianum), 2465 (Tonina fluviatilis); Small, J. K., 7386 (Eriocaulon compressum), 8339

(Lachnocaulon glabrum), s.n. [Dunn's Mtn., Aug. 18--27, 1894] (Eriocaulon decangulare), s.n. [Near Valparaiso, June 6--12, 1895] (Eriocaulon decangulare), s.n. [About Darien Jct., June 25--27, 1895] (Eriocaulon decangulare), s.n. [Lily Lake, Aug. 15, 1889] (Eriocaulon septangulare), s.n. [Budd's Lake, August 12--14, 1890] (Eriocaulon septangulare); Small & Carter 654 (Eriocaulon Ravenelii), 690 (Lachnocaulon glabrum), 888 (Eriocaulon Ravenelii), 1024 (Lachnocaulon glabrum), 1029 (Eriocaulon decangulare), 1037 (Lachnocaulon minus), 1148 (Eriocaulon Ravenelii), 2991 (Eriocaulon compressum), 3067 (Eriocaulon Ravenelii), s.n. [Between Cocoanut Grove & Cutler] (Eriocaulon Ravenelii); Small & Heller 180 (Eriocaulon decangulare); Small, Carter, & Small 3264 (Eriocaulon compressum), 3361 (Eriocaulon compressum); Small & Dewinkel 9044 (Eriocaulon compressum var. Harperi), 9044a (Eriocaulon compressum); Small, Mosier, & Small 6892 (Lachnocaulon glabrum), 6912 (Lachnocaulon glabrum); Small & Nash s.n. [West of Miami, Nov. 1 & 9, 1901] (Eriocaulon Ravenelii); Small & Small 4429 (Eriocaulon Ravenelii), 4447 (Eriocaulon Ravenelii); Small & Wherry 11,695 (Eriocaulon compressum var. Harperi); Small & Wilson 1608 (Lachnocaulon glabrum), 1613 (Lachnocaulon glabrum), 1783 (Lachnocaulon glabrum); Smith, A. V., 325 (Eriocaulon compressum), 333 (Eriocaulon compressum), s.n. [May, 1936] (Eriocaulon compressum), s.n. [N. J. pine barrens, July 28, 1935] (Eriocaulon decangulare); Standley, J. P., 10 (Syngonanthus flavidulus), 15 (Eriocaulon compressum), 33 (Lachnocaulon glabrum); Standley, P. C., 42,326 (Paepalanthus costaricensis, type coll.); Standley & Valerio 43,637 (Eriocaulon microcephalum), 43,830 (Eriocaulon microcephalum); St. John 1168 (Eriocaulon septangulare).

Taylor, B. C., s.n. [Center City, Aug. 1892] (Eriocaulon septangulare), s.n. [Linn Lake, Aug. 1892] (Eriocaulon septangulare); Taylor, N., 2558 (Eriocaulon Parkeri), 2853 (Eriocaulon decangulare); Tidestrom 11,236 (Eriocaulon septangulare), s.n. [July 4, 1907] (Eriocaulon decangulare); Topping 2609 (Syngonanthus flavidulus), 2611 (Eriocaulon compressum); Torrey Botanical Club s.n. [Forked River, May 29--June 2, 1896] (Eriocaulon compressum); Torrey & Cooper s.n. [Near Quaker Bridge] (Eriocaulon compressum); Townsend & Barber 117 (Eriocaulon Ehrenbergianum); Tracy 3428 (Eriocaulon decangulare), 5031 (Lachnocaulon anceps), 5032 (Eriocaulon compressum var. Harperi), 6417 [Biloxi] (Eriocaulon decangulare), 6417 [Ocean Springs] (Eriocaulon decangulare), 6642 (Syngonanthus flavidulus), 6643 (Syngonanthus flavidulus), 7586 (Lachnocaulon anceps), 7587 (Eriocaulon decangulare), 7588 (Syngonanthus flavidulus), 8043 (Eriocaulon decangulare); Tuckerman s.n. [Mountain Lakes] (Eriocaulon septangulare); Türckheim 3327 (Paepalanthus Tuerckheimii, type

coll.), 3422 (Paepalanthus domingensis).

Underwood, L. M., 1928 (Eriocaulon compressum), 3124 (Eriocaulon septangulare), s.n. [West Goshen, Aug. 1890] (Eriocaulon septangulare); Univ. of Michigan party s.n. [July, 1868] (Eriocaulon septangulare), s.n. [1868] (Eriocaulon septangulare).

Van Hermann 570 (Syngonanthus androsaceus); Van Pelt s.n. [Chatsworth, Aug. 20, 1907] (Eriocaulon decangulare).

Walsh s.n. [Southern States] (Eriocaulon compressum); Weatherby, C. A., 6123 (Eriocaulon compressum); Wehmeyer s.n. [Hart Lake, Sept. 8, 1930] (Eriocaulon septangulare); Wherry s.n. [Flat Rock Sta., 5-30-1927] (Eriocaulon lineare); White, T. G., s.n. [Shores of Jordan's Pond] (Eriocaulon septangulare); Whitehouse 581 (Lachnocaulon anceps); Williams, R. S., 299 (Eriocaulon Williamsii, type coll.); Williamson, C. S., 1106 (Eriocaulon septangulare), s.n. [Bennet, June 16, 1907] (Eriocaulon compressum), s.n. [Fish House, Oct. 2, 1905] (Eriocaulon Parkeri), s.n. [Fish House, July 28, 1906] (Eriocaulon Parkeri), s.n. [Havre-de-Grace, Sept. 1, 1906] (Eriocaulon septangulare), s.n. [Weldon] (Lachnocaulon minus), s.n. [Wilmington] (Lachnocaulon minus); Wilson, P., s.n. [Opposite Island Heights, July 26, 1909] (Eriocaulon decangulare), s.n. [Merrick, Sept. 11, 1915] (Eriocaulon septangulare), s.n. [Lake Katrine, Aug. 18, 1916] (Eriocaulon septangulare), s.n. [Lake Shandee, Aug. 7, 1918] (Eriocaulon septangulare), s.n. [Sand Pond, Aug. 13, 1918] (Eriocaulon septangulare); Wood, N. A., s.n. [Whitefish Point, 1912] (Eriocaulon septangulare); Woodson, Allen, & Seibert 1130 (Eriocaulon panamense), 1650 (Eriocaulon Seemannii); Woodward s.n. [Old Lyme, Aug. 1, 1918] (Eriocaulon Parkeri); Wright, C., 748 (Paepalanthus seslerioides), 749 (Syngonanthus androsaceus), 753 (Eriocaulon fuliginosum), 756 (Eriocaulon melanocephalum), 3229 (Eriocaulon fuliginosum, type coll.), 3234 (Paepalanthus seslerioides, type coll.), 3235 (Syngonanthus androsaceus, type coll.), 3236 (Syngonanthus androsaceus), 3237 (Syngonanthus lagopodioides, type coll.), 3238, in part (Eriocaulon fuliginosum; cotype coll. of E. scirpoidea), 3238, in part (Syngonanthus lagopodioides), 3240 (Eriocaulon melanocephalum), 3241 (Eriocaulon melanocephalum var. longipes, type coll.), 3242 (Tonina fluviatilis), 3737 (Eriocaulon sigmoideum, type coll.), 3738 (Eriocaulon echinospermum, type coll.), 3738 (Eriocaulon fuliginosum; type coll. of E. aphaerospermum), 3740 (Eriocaulon fuliginosum; type coll. of E. trichosepalum), 3741 (Eriocaulon pseudocompressum, type coll.), 3742 (Paepalanthus Lamarckii), 3743 (Paepalanthus alsinoides, type coll.), 3743a (Paepalanthus alsinoides var. minimus), 3744 (Paepalanthus retusus, type coll.), s.n. (Eriocaulon echinospermum), s.n. (Paepalanthus alsinoides); Wright, G.

W., s.n. [1876] (Eriocaulon septangulare).
 Xantus de Vesey s.n. [Fort Tijon] (Eriocaulon microcephalum).

ADDITIONAL NOTES ON THE GENUS AEGIPHILA -- V

Harold N. Moldenke

The following notes constitute a continuation of those published in Phytologia 1: 182--208, 222--240, and 248--272 (1937) and 289--304 (1938).

An alphabetized list of citations [additional to those published in Brittonia 1: 472--477 (1934) and Phytologia 1: 301--304 (1938)]:

Gaudichaud 630 (Luschnathi), 1801 (brachiata), s.n.
 [1830] (Sellowiana); Geay s.n. [Guaritico] (mollis); Gehrt
 s.n. [Herb. Instit. Biol. S. Paulo 30,081] (graveolens);
 Gentle 263 (monstrosa), 404 (monstrosa), 948 (monstrosa);
 Glaziou 11,333 (lanceolata; type coll. of A. ferruginea
 Glaz.), 21,917 (lanata, type coll.), A (integerrifolia); Glea-
 son 237 (Gleasonii, type coll.); Glocker 578b (Lhotzkiana),
 2166 (Lhotzkiana); Goeldi 6999 (racemosa), 7002 (racemosa),
 8166 (Goeldiana, type coll.); Goudot 2 (mollis), s.n. [Bogotá]
 (bogotensis), s.n. (elata), s.n. [Pandi] (Goudotiana,
 type coll.), s.n. [Bogotá] (grandis), s.n. [Portachuela,
 Quindiu] (grandis, type coll.); Gouin s.n. [1867] (Deppea-
 na); Grég s.n. (ovovata); Grisebach s.n. (martinicensis);
 Grosourdy Cat. 13 s.n. (parviflora), s.n. [1864] (Hastingsi-
 ana, type coll.); Guilding s.n. (martinicensis); Guillemin
 53 (Luschnathi), 630 (Luschnathi), 975 (obducta).

Hahn s.n. [Medelli] (Deppeana), s.n. [Potrero] (elata);
 Hallier f. C.240 (martinicensis); Handro s.n. [Herb. Instit.
 Biol. S. Paulo 33,523] (obducta); Harris, W., 5533 (uniflor-
 a, type coll.), 8166 (martinicensis var. oligoneura, type
 coll.), 8996 (obtusa, type coll.), s.n. [7.XI.95] (elata);
 Hart s.n. (elata); Hassler 1674 (Hassleri, cotype coll.),
 1921 (paraguariensis, cotype coll.), 3193 (Hassleri, cotype
 coll.), 4271 (Hassleri, cotype coll.), 4498 (paraguarien-
 sis, cotype coll.), 5056 (paraguariensis, cotype coll.),
 6766 (paraguariensis, cotype coll.), 6780 (Hassleri, cotype
 coll.), 6931 (paraguariensis, cotype coll.), 8056 (platy-
 phylla, type coll.), 8120 (Candelabrum, type coll.), 8632
 (Hassleri), 10,852 (paraguariensis); Haught 1629 (glandulif-
 era); Hayes 269 (glandulifera), s.n. [Dec. 7] (glandulifer-